

CLAIMS

What is claimed is:

1. A concrete forming apparatus comprising:
form work panels; and
5 at least one conversion corner bracket for connecting the form work panels at right angles.
2. The apparatus of claim 1, wherein the outside conversion corner is constructed of extruded aluminum.
- 10 3. The apparatus of claim 1, wherein the conversion corner bracket comprises:
 - (a) a first leg in a first plane;
 - (b) a second leg in a second plane which is substantially perpendicular to the first plane;
 - 15 (c) an indented outer corner between the first leg and the second leg; and
 - (d) a rounded inside corner opposing the indented outer corner.
4. The apparatus of claim 3, wherein the conversion corner bracket is generally W-shaped.
- 20 5. The apparatus of claim 3, wherein the outer corner is indented in a substantially V-shaped fashion.
6. The apparatus of claim 1, wherein the form work panel has standardized dimensions in metric units.
- 25 7. The apparatus of claim 1, wherein the conversion corner bracket is for converting metric unit dimensioned panels to U.S. customary unit-based construction projects and vice versa.
8. The apparatus of claim 7 wherein the conversion corner bracket is generally W-shaped.

9. The apparatus of claim 1, further comprising outer corner clamps to join at least two of the panels.

5 10. The apparatus of claim 9, further comprising an adjustable securing mechanism to adjust the clamps.

11. The apparatus of claim 1, further comprising a telescoping supporting tubular steel prop for stabilizing the panels.

10 12. The apparatus of claim 11, wherein the prop includes a tubular strut which can comprise at least two telescoping tubes, a strut connected to the prop and a strut base to stabilize the prop.

13. The apparatus of claim 12, further comprising a horizontal stabilizer bar is connected to the strut base to the form work.

15

14. A conversion corner bracket comprising:

(a) a first leg in a first plane;

(b) a second leg in a second plane which is substantially perpendicular to the first leg

20 in the first plane; and

(c) an indented outer corner between the first leg and the second leg.

15. The conversion corner bracket of claim 14 further comprising a rounded inside corner opposing the indented outer corner.

25

16. The conversion corner bracket of claim 14 wherein the conversion corner is generally W-shaped.

17. The conversion corner bracket of claim 14 wherein the outer corner is indented in a substantially V-shaped fashion.

5 18. The conversion corner bracket of claim 14 wherein the outer corner comprises a substantially flat surface at approximately 45° to the first leg and the second leg.

19. A building member forming apparatus comprising:
standardized metric dimensioned panels; and
a conversion corner bracket joined to the standardized metric dimensioned panels,
10 wherein the conversion corner bracket provides for the use of the standardized metric dimensioned panels on U.S. customary unit-based construction projects.

20. A building member forming apparatus comprising:
standardized metric dimensioned panels including plywood paneling, outer horizontal
15 support beams, vertical support beams, and inner horizontal support beams;
a conversion corner bracket having a first leg and a second leg joined to form a right angle, a V-shaped indented outer corner, and a rounded inside corner opposite the V-shaped indented corner; and
securing members to secure the conversion corner bracket to at least one of the vertical
20 support beams.

21. A concrete forming apparatus comprising:
form work panels; and
at least one conversion corner bracket for connecting the form work panels at right
25 angles,
wherein the conversion corner bracket provides for the use of the standardized metric dimensioned panels on U.S. customary unit-based construction projects.

22. A method of forming building members in standardized dimensions, the method comprising the steps of:

connecting first and second form work panels with at least one conversion corner bracket to form a first corner assembly ;

5 connecting third and fourth form work panels with at least one conversion corner bracket to form a second corner assembly ;

configuring the second corner assembly to substantially oppose the first corner assembly;

securing each of the first and the second corner assemblies in place to form a column assembly; and

10 pouring a building material into the column assembly to form a building member.

23. The method of claim 22 wherein the connecting steps provide for converting work panels dimensioned in a first unit dimension system to a second unit dimension system.

15 24. The method of claim 23 wherein the first unit dimension system is the metric system and the second unit dimension system is the U.S. customary system.

25. The method of claim 23 wherein the first unit dimension system is the U.S. customary system and the second unit dimension system is the metric system.

20